

Additional file 1- Differentially expressed genes in trait deteriorated *Heterorhabditis bacteriophora* exhibiting RNAi phenotype similar to *Caenorhabditis elegans*.

Accession number	<i>C. elegans</i> homolog	Annotation	E-value	Fold change (P value)	RNAi phenotype[‡]
EX009150	WBGene00001177 (egl-80)	Phospholipase C beta	1e-38	0.89 (0.004)	Egg laying defective
EX915077	WBGene00006794 (unc-60)	Actin depolymerizing factor 1	2e-66	0.87 (0.005)	Uncoordinated
ES411502	WBGene00006810 (unc-78)	Actin-interacting protein 1	1e-42	0.81 (0.006)	Uncoordinated
ES744585	WBGene00006810 (unc-78)	Actin-interacting protein 1	4e-47	0.85 (0.048)	Uncoordinated
FF681332	WBGene00006786 (unc-51)	Serine/threonine protein kinase	5e-63	0.80 (0.007)	Uncoordinated
EX007741	WBGene00000915 (daf-21)	Heat shock protein 90	5e-63	1.14 (0.024)	Abnormal dauer formation
ES743277	WBGene00006801 (unc-68)	Ryanodine receptor family	1e-90	0.75 (0.033)	Uncoordinated
ES741918	WBGene00001137 (eat-6)	Sodium/potassium ATPase	3e-94	0.63 (0.039)	Abnormal pharyngeal pumping
ES743931	WBGene00006789 (unc-54)	Myosin class II heavy chain	1e-104	0.73 (0.041)	Uncoordinated
ES741407	WBGene00006754 (unc-15)	Paramyosin	5e-77	0.69 (0.044)	Uncoordinated
ES412571	WBGene00005026 (sqv-8)	Glucuronosyl transferase	1e-72	1.15 (0.044)	Squashed vulva
EX010968	WBGene00019322 (dpy-14)	S-adenosylhomocysteine hydrolase	1e-101	0.79 (0.047)	Dumpy
NP_492321*	WBGene00000904 (daf-8)	SMAD protein	5e-52	1.18 (0.007)	Abnormal dauer formation
NP_001021093*	WBGene00006819 (unc-87)	C-terminal repeat of calponin	1e-174	1.12 (0.020)	Uncoordinated

*Homolog accession number.

[‡]Phenotype according to WormBase database.